

Revised 01/05

CORRES. CONTROL  
INCOMING LTR NO.

001646 RFOS

DUE DATE  
ACTION

RECEIVED

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RESPONSE  
CONTROL

Department of Energy

ROCKY FLATS PROJECT OFFICE  
10808 HIGHWAY 93, UNIT A  
GOLDEN, COLORADO 80403-8200  
MAR 24 2005

05-DOE-00069

DIST.	LTR	ENC
BERARDINI, J.H.	X	X
BOGNAR, E.S.	X	X
BROOKS, L.	X	X
CARPENTER, J.A.	X	X
CIUCCI, M.		
CROCKETT, G.A.		
DECK, C.A.	X	X
DEGENHART, K.R.	X	X
DEL VECCHIO, D.		
DIETER, T.J.		
FERRERA, D.W.	X	X
GIACOMINI, J.J.		
GILPIN, H.		
LINDSAY, D.C.	X	X
LONG, J.W.		
MARTINEZ, L.A.	X	X
NAGEL, R.E.	X	X
NESTA, S.		
NORDL, K.		
SHELTON, D.C.	X	X
SPEARS, M.S.	X	X
TUOR, N.R.	X	X
WIEMELT, K.	X	X
WILLIAMS, J.L.		
ZAHM, C.	X	X
Ward, D.	X	X
Winters, J.	X	X
Dayton, D.	X	X

Mr. Steve Gunderson  
Colorado Department of Public Health and Environment  
4300 Cherry Creek Drive South  
Denver, CO 80246-1530

Mr. Mark Aguilar  
Rocky Flats Cleanup Agreement Team Lead  
U.S. Environmental Protection Agency, Region VIII  
999 18<sup>th</sup> Street, Suite 500, EPR-FT  
Denver, Colorado 80202-2405

Dear Mr. Gunderson and Mr. Aguilar:

In accordance with the Rocky Flats Cleanup Agreement (RFCA) requirement in Attachment 5, Subpart 2.4(B) under *Action Determinations*, we are providing two copies of the enclosed Source Evaluations Report for RFCA Points of Evaluations (POEs) SW093, GS10, and SW027. Specifically, these source evaluations address the June 17, 2004, notification (letter 04-DOE-00430) of reportable 30-day moving averages for plutonium (Pu) and americium (Am) water-quality results in South Walnut Creek at RFCA POE GS10; the July 7, 2004, notification (letter 04-DOE-00490) of reportable 30-day moving averages for Pu and Am water-quality results in North Walnut Creek at RFCA POE SW093; and the September 17, 2004, notification (letter 04-DOE-00689) of reportable 30-day moving averages for Pu and Am water-quality results in the South Interceptor Ditch at RFCA POE SW027. This Source Evaluations Report fulfills the commitments as outlined in the Source Evaluation Plan letters of July 1, 2004, for RFCA POE GS10 (letter 04-DOE-00489), July 22, 2004, for RFCA POE SW093 (letter 04-DOE-00544), and September 17, 2004, for RFCA POE SW027 (letter 04-DOE-00689). This report does not include summaries of the recent elevated americium observations after September, 2004 at sampling location SW093. Those elevated observations will be reviewed and reported in a supplemental addendum to this document.

The enclosed report identifies diffuse low-level radionuclide contamination from past Rocky Flats Environmental Technology Site operations and the increased soil disturbance activities as the source of the reportable values. No specific recommendations for source removals are proposed in response to these measured values. Our proposed course of action includes: (1) continued monitoring, (2) enhanced erosion control measures, and (3) storm water controls.

COR. CONTROL	X	X
ADMIN. RECORD	X	X
PATS		

Reviewed for Addressee  
Corres. Control RFP

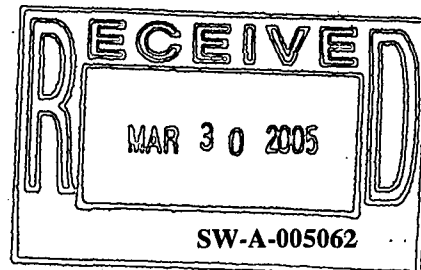
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Date By

Ref. Ltr. #

DOE ORDER #

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ADMIN RECORD



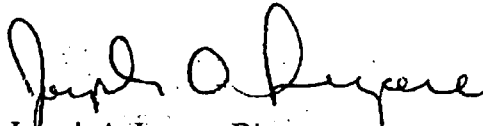
S. Gunderson and M. Aguilar  
05-DOE-00069

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MAR 24 2005

If you have any questions concerning this report, please contact me at (303) 966-2282 or John Stover at (303) 966-9735.

Sincerely,



Joseph A. Legare, Director  
RFPO Program Management

Enclosures (2 copies)

cc w/Enc:

A. Nelson, City of Westminster  
S. Garcia, City of Broomfield  
C. Johnson, City of Arvada  
V. Lucero, City of Thornton  
S. Stanley, City of Northglenn  
M. Roy, OCC, RFPO  
J. Rampe, RFPM, RFPO  
J. Stover, RFPM, RFPO  
Administrative Record

cc w/o Enc:

R. Schassburger, CPM  
D. Shelton, K-H  
R. Nininger, K-H  
L. Brooks, K-H  
C. Deck, K-H  
C. Dayton, K-H

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